



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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News media information 202-418-0500
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Report No. SES-02596

Wednesday August 30, 2023

Satellite Communications Services re: Satellite Earth Station Applications Accepted For Filing

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

SES-AMD-20230622-01266 E E220082 SpaceX Services, Inc.

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SpaceX Services, Inc. requests amendment to IBFS File No. SES-LIC-20220514-00545 to add 32 identical antennas, and to communicate with the non-geostationary satellite orbit (NGSO) satellite constellation SpaceX GEN2 (S3069).

SITE ID: Clinton IL Gateway

LOCATION: DeWitt County, Clinton, IL

40 ° 10 ' 35.30 " N LAT.

88 ° 52 ' 25.20 " W LONG.

ANTENNA ID:	CO-1	1.85 meters	SpaceX	1.85M
29500.0000 - 30000.0000 MHz	480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data	
27500.0000 - 29100.0000 MHz	480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data	
18800.0000 - 19300.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64 QAM; Digital Data	
17800.0000 - 18600.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64 QAM; Digital Data	

Points of Communication:

Clinton IL Gateway - SPACEX (S2983/3018) - (NGSO)

Clinton IL Gateway - SpaceX GEN2 (S3069) - (NGSO)

SES-LIC-20220119-00063 E E220006 Kuiper Systems LLC

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service, Mobile Satellite Service

SITE ID: Kahului, HI Gateway

LOCATION: Maui, Kahului, HI

20 ° 49 ' 1.90 " N LAT.

156 ° 27 ' 15.90 " W LONG.

ANTENNA ID:	AMZN-2.4M	2.4 meters	Kuiper	24001
17800.0000 - 18600.0000 MHz		100MG7D	0.00 dBW	BPSK up to 64 QAM; Digital Data
17800.0000 - 18600.0000 MHz		500MG7D	0.00 dBW	BPSK up to 64 QAM; Digital Data
18800.0000 - 20200.0000 MHz		100MG7D	0.00 dBW	BPSK up to 64 QAM; Digital Data
18800.0000 - 20200.0000 MHz		500MG7D	0.00 dBW	BPSK up to 64 QAM; Digital Data
27500.0000 - 30000.0000 MHz		50M0G7D	53.80 dBW	BPSK up to 512QAM; Digital Data
27500.0000 - 30000.0000 MHz		500MG7D	63.80 dBW	BPSK up to 512QAM; Digital Data

Points of Communication:

Kahului, HI Gateway - Kuiper NGSO - (NGSO)

SES-LIC-20220411-00374 E E220046 Kuiper Systems LLC

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service, Mobile Satellite Service

SITE ID: Whiting, ME Gateway

LOCATION: Washington, Whiting, ME

44 ° 44 ' 59.80 " N LAT.

67 ° 15 ' 22.90 " W LONG.

ANTENNA ID:	AMZN-2.4M	2.4 meters	Kuiper	24001
17800.0000 - 18600.0000 MHz		100MG7D	0.00 dBW	BPSK up to 64 QAM; Digital Data
17800.0000 - 18600.0000 MHz		500MG7D	0.00 dBW	BPSK up to 64 QAM; Digital Data
18800.0000 - 20200.0000 MHz		100MG7D	0.00 dBW	BPSK up to 64 QAM; Digital Data
18800.0000 - 20200.0000 MHz		500MG7D	0.00 dBW	BPSK up to 64 QAM; Digital Data
27500.0000 - 30000.0000 MHz		50M0G7D	53.80 dBW	BPSK up to 512QAM; Digital Data
27500.0000 - 30000.0000 MHz		500MG7D	63.80 dBW	BPSK up to 512QAM; Digital Data

Points of Communication:

Whiting, ME Gateway - Kuiper NGSO - (NGSO)

SES-LIC-20220514-00545 E E220082 SpaceX Services, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

See ICFS File No. SES-AMD-20230622-01266, request to add 32 identical antennas, and to communicate with the non-geostationary satellite orbit (NGSO) satellite constellation SpaceX GEN2 (S3069).

SITE ID: Clinton IL Gateway

LOCATION: DeWitt County, Clinton, IL

40 ° 10 ' 35.30 " N LAT.

88 ° 52 ' 25.20 " W LONG.

ANTENNA ID:	CO-1	1.85 meters	SpaceX	1.85M
	17800.0000 - 18600.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64 QAM; Digital Data
	18800.0000 - 19300.0000 MHz	480MD7W	0.00 dBW	BPSK up to 64 QAM; Digital Data
	27500.0000 - 29100.0000 MHz	480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data
	29500.0000 - 30000.0000 MHz	480MD7W	62.62 dBW	BPSK up to 64 QAM; Digital Data

Points of Communication:

Clinton IL Gateway - SPACEX (S2983/3018) - (NGSO)

Clinton IL Gateway - SpaceX GEN2 (S3069) - (NGSO)

SES-STA-20230810-01959 E E220076 SpaceX Services, Inc.

Special Temporary Authority

Class of Station:

SpaceX Services, Inc. requests special temporary authority for 180 days, to operate its fixed earth station in Marshall, TX with the non-geosynchronous orbit (NGSO) satellite constellation SpaceX (S2983/3018) and SpaceX GEN2 (S3069) in the 27.5-29.1 GHz and 29.5-30.0 GHz (Earth-to-space), and 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20230825-02031 E E230034 SpaceX Services, Inc.

Special Temporary Authority

Class of Station:

SpaceX Services, Inc. requests special temporary authority for 180 days, to operate 32 technically identical 1.85-meter antennas in Angola, IN to communicate with its Gen2 (S3069) non-geostationary orbit satellite constellation in the 81-86 GHz (Earth-to-space) and 71-76 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20230825-02035 E E220064 SpaceX Services, Inc.

Special Temporary Authority

Class of Station:

SpaceX Services, Inc. requests special temporary authority for 180 days, to operate its fixed earth station in Roberts, WI with the non-geosynchronous orbit (NGSO) satellite constellation SpaceX (S2983/3018) and SpaceX GEN2 (S3069) in the 27.5-29.1 GHz and 29.5-30.0 GHz (Earth-to-space), and 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

For more information concerning this Notice, contact the Earth Station Licensing Division at (202) 418-0719.